

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant : TSAI  
Application No. : 10/796,977  
Filed : March 11, 2004  
Title : METHOD AND APPARATUS FOR  
INTERFRAME WAVELET VIDEO CODING  
Group Art Unit : 2621  
Examiner : Unassigned  
Docket No. : BHT/3230-99

**OFFICE OF INITIAL PATENT EXAMINATION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL COVER SHEET**

Sir:

Transmitted herewith for filing are the following:

1. INFORMATION DISCLOSURE STATEMENT.
2. Form PTO-1449 (in duplicate), along with copies of the eight (8) articles cited therein.

The Commissioner is hereby authorized to charge any fees which may be required for the filing of this document to **Deposit Account No. 501874**

Respectfully submitted,

Date: June 9, 2004

By:

  
Bruce H. Troxell  
Reg. No. 26,592

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

In compliance with the duty of disclosure under 37 CFR 1.56, and 37 CFR 1.97-1.98, the documents listed on the attached form PTO-1449 are hereby made of record in this patent application. Copies of the listed documents, excluding any U.S. patent/publication references, are enclosed.

As this Information Disclosure Statement is being filed prior to the mailing of the first Official Action in this application, no fee is believed due in order to have the enclosed references considered by the Examiner and made of record in the application.

Early action on the merits of the application is earnestly solicited.

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FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary)

Date Submitted to PTO: JUNE 9, 2004

ATTY DOCKET NO. 3230-99

APPLICATION NO. 10/796,977

APPLICANT **TSAI et al.**FILING DATE **March 11, 2004**GROUP **2621**

## U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	W.P. Li; "Overview of Fine Granularity Scalability In MPEG-4 Video Standard"; <i>IEEE Transactions On Circuits and Systems for Video Technology</i> ; Vol. 11, pp. 301-317; March 2001
	J.W. Woods et al.; "Improved MC-EZBC With Quarter-Pixel Motion Vectors"; <i>ISO/IEC/JTC1 SC29/WG11 Doc. No. M8366</i> ; 16 pages; May 2002
	J.R. Ohm; "Three-dimensional Subband Coding With Motion Compensation"; <i>IEEE Transactions on Image Processing</i> ; Vol. 3:5; pp. 559-571; 1994
	S.T. Hsiang et al.; "Invertible Three-dimensional Analysis/Synthesis System For Video Coding With Half-Pixel-Accurate Motion Compensation"; <i>SPIE Conference on Visual Communication and Image Processing</i> ; Vol. 3653; pp. 537-546; Jan 1999
	S.T. Hsiang et al.; "Embedded Video Coding Using Invertible Motion Compensated 3-D Subband/Wavelet Filter Bank"; <i>Signal Processing: Image Communications</i> ; Vol. 16; pp. 705-724; May 2001
	J.W. Woods; "AHG on Digital Cinema Video Coding Technology"; <i>ISO/IEC/JTC1/SC29/WG11 Doc. No. M7645; Pattaya; pp. 1-15; December 2001</i>
	P.S. Chen et al.; "Comparison of MC-EZBC and H.26L TM8 on Digital Cinema Test Sequences"; <i>ISO/IEC/JTC1/SC29/WG11 Doc. No. M8130</i> ; Cheju Island; 6 pages; March 2002
	H.M. Hang et al.; "Motion Information Scalability for MC-EZBC: Response to Call for Evidence on Scalable Video Coding"; <i>ISO/IEC/JTC1 SC29/WG11 Doc. No. M9756</i> ; Trondheim, Norway; pp. 1-17; July 2003

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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